

# IEEE Guide for Transformer Impulse Tests

Sponsor

**Transformers Committee  
of the  
IEEE Power Engineering Society**

Correction Sheet

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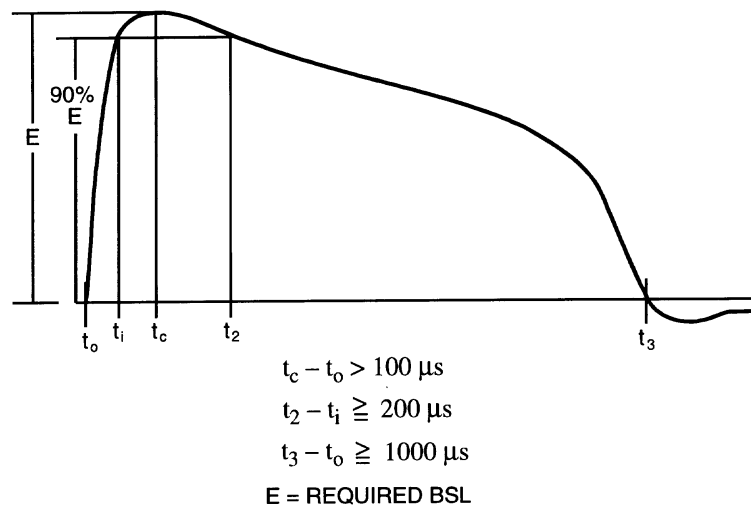
The following corrections should be made to the standard:

**Page 3:** Change the two references to IEEE Std C57.12.90-1993 to IEEE Std C57.12.00-1993. The impacted paragraphs should read as follows:

A wave traveling along the line might flash over an insulator after the crest of the wave has been reached. This wave is simulated by the chopped wave that is chosen to be of magnitude as defined in IEEE Std C57.12.00-1993. It is shown by curve “b.”

The selection of the type and number of test waves is determined by the test specification. These various test specifications may include a number of purchaser specifications in addition to the ones required by IEEE Std C57.12.00-1993.

**Page 33:** The third callout below Figure 34 should be 1000  $\mu$ s rather than 200  $\mu$ s, as shown on the following page.



**Figure 34—Switching impulse voltage wave shape**

**Page 35:** Add a reference to 3.4.1 at the end of the second paragraph of 3.4. The paragraph should read as follows:

Figure 38 shows a typical test circuit used for switching impulse tests. The measurement devices in figure 38 include the voltage dividers and the oscilloscope or transient voltage recorder. These will be discussed in detail in 3.4.1.